

Converting Colors

YUV(83.9350, 15.3150,
-12.2210)

Have a look what the booklet for
YUV(83.9350, 15.3150, -12.2210)
contains.

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Color

**YUV(83.9350, 15.3150,
-12.2210)**

Conversions

Conversions Part 1

Format	Color
Hex	465573
RGB	70, 85, 115
RGB Percent	27%, 33%, 45%
CMY	0.7255, 0.6667, 0.5490
CMYK	0.39, 0.26, 0.00, 0.55
HSL	220°, 24%, 36%
HSV	220°, 39%, 45%
XYZ	8.8688, 9.0369, 17.4965
YIQ	83.9350, -18.5700, 6.1500

Conversions

Conversions Part 2

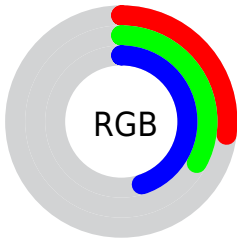
Format	Color
R_{YB}	70, 81, 115
Decimal	4609395
CIE Lab	36.06, 2.41, -18.98
CIE LCh	36, 19.134, 277.229
Yxy	9.0369, 0.2505, 0.2553
Android (android.graphics.Color)	4282799475 (0xFF465573)
YUV	83.9350, 15.3150, -12.2210
Hunter-Lab	30.0614, 0.0540, -13.4653

Details

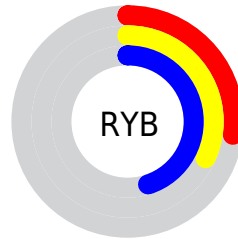
The YUV color **83.9350, 15.3150, -12.2210** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **101.0650, -15.3150, 12.2210**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.5760, 16.4780, -11.9062**, and **37.6960, 14.4469, -13.7654** is the 20% darker color. If you saturate the color by 10%, you get **75.9500, 19.2516, -14.8652**, and if you desaturate by 10%, it is **92.2190, 11.2310, -8.9621**.

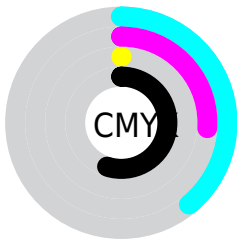
Distribution



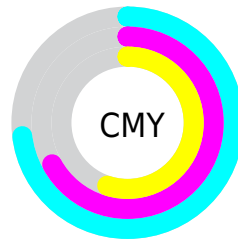
- Red (27%)
- Green (33%)
- Blue (45%)



- Red (27%)
- Yellow (32%)
- Blue (45%)



- Cyan (39%)
- Magenta (26%)
- Yellow (0%)
- Black (55%)



- Cyan (73%)
- Magenta (67%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.9350, 15.3150, -12.2210 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 83.9350, 15.3150, -12.2210 by changing the saturation by 10% instead.

■ 83.9350, 15.3150,
-12.2210

■ 83.9350, 15.3150,
-12.2210

■ 255.0000, 0.0000,
0.0000

■ 60.4080, 14.5889,
-12.6358

■ 133.5760, 16.4780,
-11.9062

■ 37.6960, 14.4469,
-13.7654

■ 160.2770, 16.6254,
-12.5209

■ 16.7560, 13.4313,
-14.6950

■ 187.3910, 17.0622,
-12.6209

■ 3.3230, 10.1938,
-2.9143

■ 214.9180, 17.7884,
-12.2061

■ 0.0000, 0.0000,
0.0000

■ 240.7690, 7.0159,
-10.3214

■ 83.9350, 15.3150,
-12.2210

■ 83.9350, 15.3150,
-12.2210

■ 75.9500, 19.2516,
-14.8652

■ 92.2190, 11.2310,
-8.9621

■ 68.2530, 23.0463,
-18.6389

■ 99.6170, 7.5838,
-5.8031

■ 60.2680, 26.9829,
-21.2830

■ 107.9010, 3.4998,
-2.5442

■ 51.9840, 31.0669,
-24.5420

■ 115.8860, -0.4368,
0.1000

■ 44.5860, 34.7141,
-27.7009

■ 123.5830, -4.2314,
3.8737

■ 36.3020, 38.7981,
-30.9599

■ 131.5680, -8.1680,
6.5179

■ 35.4160, 39.2349,
-31.0598

■ 139.8520,
-12.2520, 9.7768

■ 147.2500,

-15.8993, 12.9358

■ 155.5340,
-19.9833, 16.1947

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.7650, 16.3849, -28.7349



83.9350, 15.3150, -12.2210



86.8940, 10.8983, 4.4780

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



83.9350, 15.3150, -12.2210



85.7490, -9.2433, 24.7761



79.2550, -3.5767, -19.5176

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



83.9350, 15.3150, -12.2210



101.0650, -15.3150, 12.2210

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.5080, -10.6034, -5.7075



83.9350, 15.3150, -12.2210



84.8530, -13.7315, 17.6689

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



83.9350, 15.3150, -12.2210



86.5840, -2.2599, 24.9208



83.5590, -14.5726, 7.4028



76.5830, 5.6286, -32.0833

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



83.9350, 15.3150, -12.2210



87.0370, 7.3768, 13.9996



83.5590, -14.5726, 7.4028



80.0060, -5.9190, -14.9143

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



83.9350, 15.3150, -12.2210



137.5740, 6.1260, -4.8884



99.8350, 0.0813, -26.1653



69.0150, 3.9366, -2.6442



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.9350, 15.3150, -12.2210



101.4810, 23.9199, -18.8388



77.5220, 18.4767, 0.4192



54.8580, 2.0420, -1.6295



37.9750, 41.4243, -33.3041



77.2210, 85.1800, -67.7228

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



85.1650, -0.0813, 26.1653



103.5520, -0.2721, 40.7349



107.7770, -18.6241, 0.1956



55.0220, -0.0108, 3.4887



41.1520, -0.0749, 70.9037



84.2120, -0.5975, 145.3961

Previews

White Background



This preview shows how the YUV color 83.9350, 15.3150, -12.2210 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 83.9350, 15.3150, -12.2210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

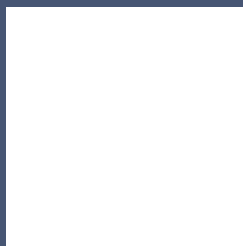
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 83.9350, 15.3150, -12.2210

Background



This preview shows how black text looks on a background with the YUV color 83.9350, 15.3150, -12.2210.



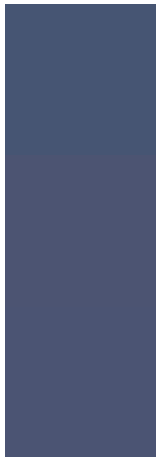
This preview shows how white text looks on a background with the YUV color 83.9350, 15.3150,

-12.2210.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

83.9350, 15.3150, -12.2210

Protanopia

85.0280, 14.2832, -7.9176

Deuteranopia

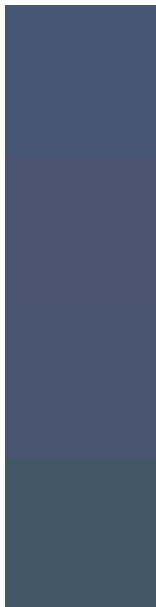
84.8430, 14.8674, -8.6323



Tritanopia

82.6220, 6.5954, -15.4545

Trichromacy



Original Color

83.9350, 15.3150, -12.2210

Protanomaly

84.4300, 14.5780, -9.1471

Deuteranomaly

84.2450, 15.1622, -9.8619

Tritanomaly

83.4310, 9.6475, -14.4100

Monochromacy



Original Color

83.9350, 15.3150, -12.2210

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

83.7590, 5.5418, -4.1736

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.9350, 15.3150, -12.2210 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(70, 85, 115)` looks like.

```
.text, #text, p{  
    color:rgb(70, 85, 115)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(70, 85, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 85, 115) }
```

Border

The CSS property to change the border of an element to YUV 83.9350, 15.3150, -12.2210 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(70, 85, 115) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(70, 85, 115) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(70, 85, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 85, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 85, 115);  
box-shadow:4px 4px 4px 4px rgb(70, 85,  
115) }
```

Background

The CSS property to change the background color of an element to YUV 83.9350, 15.3150, -12.2210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 85, 115) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(70, 85,  
115) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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